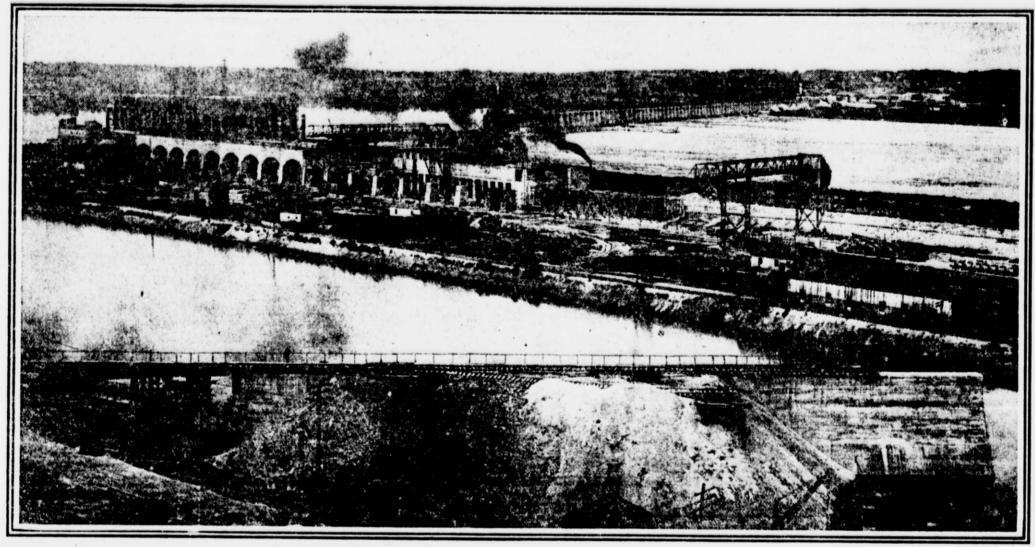
SQUEEZING IMMENSE POWER FROM THE MISSISSIPPI

Mighty Dam at Keokuk. Ia, Rivals Parts of Panama Canal Structures

CROSS the Mississippi River at Keokuk, Ia., men are building the mightlest power dam in the world. Immense structures are going up there in the heart of the continent that will dam up America's greatest river, structures whose size are in keeping with the river's immensity, structures whose dimensions have not an equal in the whole world.

Remember those pictures of 'the old mill stream" where a creek of water comes floating along in a narrow ditch on top of an embankment and then suddenly spills over a paddle wheel just beneath the end of that ditch? And at the side of the wheel stands an old moss covered mill whose machinery the wheel is supposed to turn. And green blades of grass stick up all along the little, narrow, peaceful brook and the pebbles are brown and covered with a waving, mossy growth where the water splashes off the wheel to the ground beneath. And in the clover field close by an old yellow cow gazes meditatively of toward the shimmering horizon and almost seems to chew at the few blades of grass sticking out of her mouth. Remember those pictures? Such was the old mill of early days and the old millwheel. The meditative cow and her chaw of grass was no part of wheel or mill, we hasten to add, simply part of the stage setting that set off the peacefulness of the scene.

'Tis a far cry from that old mill and rickety waterwheel and meditative cow of early days to the sort of machinery and structures they are putting up in this Keckuk installation. A bovine creature that was inclined to stand anywhere around the construction work at that place and ponder on things in general would be converted—we hate to say it—something tells us she would be converted to get power from the sleepy and independent of the slee



LARGEST SINGLE POWER DEVELOPMENT PLANT IN WORLD LOCATED NEAR HAMILTON, ILL. A LOCK IS TO BE CONSTRUCTED GREATER IN LIFT THAN THOSE USED AT PANAMA.

it—something tells us she would be converted—we hate to say if the something tells us she would be converted into soup benes and sausage ere ber meditations had gotten beyond the converted into soup benes and sausage ere ber meditations had gotten beyond the embryo stage. Great toweing concrete structures, banging, swinding, cattering in the service banging, swinding, cattering the first bett us pause and considerations had gotten beyond the embryo stage. Great toweing concrete structures, banging, swinding, cattering in the service banging, swinding, cattering in the service banging, swinding, cattering in the service banging swinding, cattering the power developments. The first tends the understant of the power developments. The first that us pause and considerations had gotten beyond the embryo stage of the general attributes of all the power developments. The first that us pause and considerations had gotten beyond the dam the total cattering the power developments. The first tends the transfer through the dam, the total through the erection to still the power developments. The first tends the transfer through the dam, the total through the erection to still the power developments. The first tends the transfer through the dam, the total through the erection to the twenty the erection to still the power developments. The first tends the power developments. The first tends the transfer through the dam, the total through the power developments. The first tends the transfer through the dam, the transfer through the dam, the total through the first tends the transfer through the dam, the po

River a Mile Broad and Falls Twenty-three Feet in Twelve Miles

admitted it to the periphery of the wheel and ejected it at the centre. In these especially designed Francis turbines, at Keokuk, an efficiency of sa ... cent. will be attained, higher by at least 6 per cent. than ever before.

The power house containing these

turbines stands at right angles practically to the dam itself and to its upper corner the west end of that structure is anchored. The substructure, the part containing the turbines, is completed and the superstructure, to house the electric generators and accessories, is in process of construction. When at the project is completed and the structures put to use, the waters held up by the dam will sweep around the corner of this power house and surge through a series of 120 openings in the foundation wall to the turbines be. neath. There will be fifteen turbines of 10,000 horse-power each in the initial installation, and fifteen more in the second part to be built while the first is in operation. The volume of water leading to each turbine will be so great that no ordinary pipes could be used to conduct it. So in the base-ment of this power house they have moulded great passageways in the concrete to carry the water from the outside to the turbines.

Each passageway is big enough to ontain a lead of hay without crowding To properly handle such an immense body of water the turbines had to be made several times larger than any heretofore used. They are sixteen feet n diameter, and the cases that contain them are great chambers in the concrete in which a house might be built thirty-nine feet in diameter and twenty-two feet high.

The power house when fully completed will be nearly 2,000 feet long and more than 100 feet high, three times larger than any heretofore built. Its thing is to work, how the builders plan a steep fall to the river, is satisfied in of hills close on each side of course will close set arches, 113 in all, something water either went over it or under it, power, which is more than half all five companies develop at Niagara.

The fourth requirement to get power

YOUNG WOMAN WHO HELPED TO NOMINATE CANDIDATE WOODROW WILSON

July, 1911, about a week after work on the famous McCombs Doomsday Book had been begun in the Woodrow Wilson headquarters at C Broalway, that the office manager summoned his secretary and regarded her with sad eyes.

The was on one of the hottest days in July, 1911, about a week after work on the famous McCombs Doomsday Book had been begun in the Woodrow Wilson headquarters at C Broalway, that the wonders at C Broalway, that the wonders are considered her with sad eyes.

The manager who gave her a chance to show what she could do resigned his place had done it, but they were perfectly lovely and didn't seem to mind a bit. Ever so many of them gave meet heir badges and regarded her with sad eyes.

The manager who gave her a chance to show what she could do resigned his place had done it, but they were perfectly lovely and written of them. Lots of them kind of suffragist, but I don't think \$\frac{1}{2}\$ had been premised a perfectly lovely by the Women's Political Union. She learned all about the voting machinery and written of them to the descriptions I him of suffragist, but I don't think \$\frac{1}{2}\$ how what she could do resigned his place had written of them. Lots of them kind of suffragist, but I don't think \$\frac{1}{2}\$ how what she could done it, but they were perfectly lovely and written of them. Lots of them kind of suffragist, but I don't think \$\frac{1}{2}\$ how what she could done it, but they were perfectly lovely and written of them. Lots of them kind of suffragist, but I don't think \$\frac{1}{2}\$ how what she could done it, but they were perfectly lovely in a done it had done it, but they were perfectly lovely and written of them. Lots of them kind of suffragist, but I don't think \$\frac{1}{2}\$ how the suffragist, but I don't think \$\frac{1}{2}\$ how they under the suffagist but I washington next spring the the curse to stay out of a lost of th

a number of them.

"Of course I wasn't as much worried over the outcome of the convention as many of the Governor's supporters were because I had the advantage of much of the inside information which made the leaders of his campaign perfectly certain from the beginning that he would get the nomination. I knew, for instance, from my own records that lots of the delegates who were voting for other candidates had wilson as their second choice and would come out on his side as soon as they had delivered enough courtesy votes for favorite sons.

"The announcement of the nomination was tremendously exciting on account of the wild enthusiasm of the delegates and the galleries, but it didn't come as a bit of a surprise to me. I was sure of it long before we went to Baltimore. Why, don't you remember I said six months ago when if first began to wear a Wilson button that if its began to wear a Wilson button that he was the man who would lead the Demo-

which came off the evening the nominating speeches were made.

"I don't believe I would have forgotten it," she said, "if it hadn't been scheduled for the night before and postponed on account of rain. I remembered the first date all right and was on hand at the appointed place and time with the purple, white and green banner of the Women's Political Union which I had promised to carry. No one else turned up to march, so after a while I went back to the hotel.

shadow of doubt on the face of a listener a look of the purple who had a she began to take her to street meetings and let her distribute literation the count of real postponed on account of rain. I remembered the first from the very beginning. Then she was told to make a two minute speech from the scap box platform, just to see how she would do it.

The crowd cheered her to the echo before she had a chance to utter a sentence, and for the next four years she was a prominent figure in every public demonstration made

vou remember I said six months ago when I she says, and doesn't mind in the least when I first began to wear a Wilson button that she was the man who would lead the Democratic party to victory?"

It was quite true. She had said so several times. She admitted, nevertheless, that the convention proceedings were sufficiently thrilling all the way through to make her forget all about the grand suffrage parade which came off the evening the nominating speeches were made.

She is so filled, in fact, with campaign on thusiasm that without even atopping to think or consult a memorandum she can demure, childish young person whom she had engaged to address envelopes and to take telephone messages had a more intelligent printing a Wilson gent grasp of the real points at issue in the shadow of doubt on the face of a listence a look of pity dawns in her eves and she asks



THE CROWD CHEERED HER TO THE ECHO.

MISS ALBERTA HILL.

Tregret to say," he began with a tinge of regret in his tone, "that you are the worst stenographer I have ever seen."

The secretary, a slender girl with bronze brown hair and eyes to match, looked grieved but not surprised.

"It is so hard for me to read my notes." he sixhed.

"It is really a waste of time," continued the manager with judicial severity, "to diotate to you at all."

"It hink," ventured the secretary timidly, "that I could get along better with the book if you didn't."

The manager stared incredulously, and then he laughed.

The manager stared incredulously, and then he laughed.

The manager stared incredulously, and "then he laughed."

The manager stared incredulously and then he laughed.

The manager stared incredulously of the proposed in the proper to the manager of the members of upward of two hundred Wilson clubs.

The stock in New York's sponge market is getting low, at least that is the were all gathered by divers, "All of our sponges are gathered with holes. The report current among the dealers. One firm reports that owing to the lack of sponges the prices of the members of upward of two hundred Wilson clubs.

"Loads and loads of these men were so the stock in New York's sponge market is getting low, at least that is the were all gathered by divers, "All of our sponges are gathered with poles. Two fishermen go out together, the kraals for a week to soak out and thousands of letters from all parts of the United States treating of the personal characteristics and private records of Democratic Congressmen from every state, Democratic Congressmen f "I regret to say," he began with a tinge job. She has made digests of thousands

The manager was also also any was a month of hit bear digrests just told what kind of work they could do best and how much we could the difference between a Congressman and an Assemblyman. Suppose you star the difference between a Congressman and the difference between a Congressman

The stock in New York's sponge market is getting low, at least that is the report current among the dealers. One firm reports that owing to the lack of sponges the prices of the medium and sponges the prices of the medium and sponges to paddle or spull the sponges to paddle or spull the sponge fishers are purpose of pledging the candidates for the vacant seat to vote for the woman suffrage amendment to the Constitution. She displayed such skill in handling delegates at the various district conventions opinion among the sponge fishers are purpose of pledging the candidates for the vacant seat to vote for the woman suffrage amendment to the Constitution. She displayed such skill in handling delegates at the various district conventions opinion among the sponges to paddle or spull the suffragists for the purpose of pledging the candidates for the vacant seat to vote for the woman suffrage amendment to the Constitution. She displayed such skill in handling delegates at the various district conventions opinion among the sponges.

its interests at the polls, and she served speech that took the men by storm. She in the Seventeenth district with Mrs. Blatch, in the Seventeenth district with Mrs. Blatch, but in 1911 politicians discovered that it was illegal to appoint minors in that capacity and she had to content herself with carrying sandwighes to her coworkers in the cause.

But one doesn't have to be 21 to be convincing in argument, and after the death of Senator McCarren in 1909, the young always consider the 1911 parade the climax always consider the 1911 parade the climax.

of Senator McCarren in 1900 the young Australian girl was put in charge of a campaign started by the suffragists for the purpose of pledging the candidates for the vacant seat to vote for the woman suffrage amendment to the Constitution.

appointed by the Prohibition party to watch committee meeting, where she made a